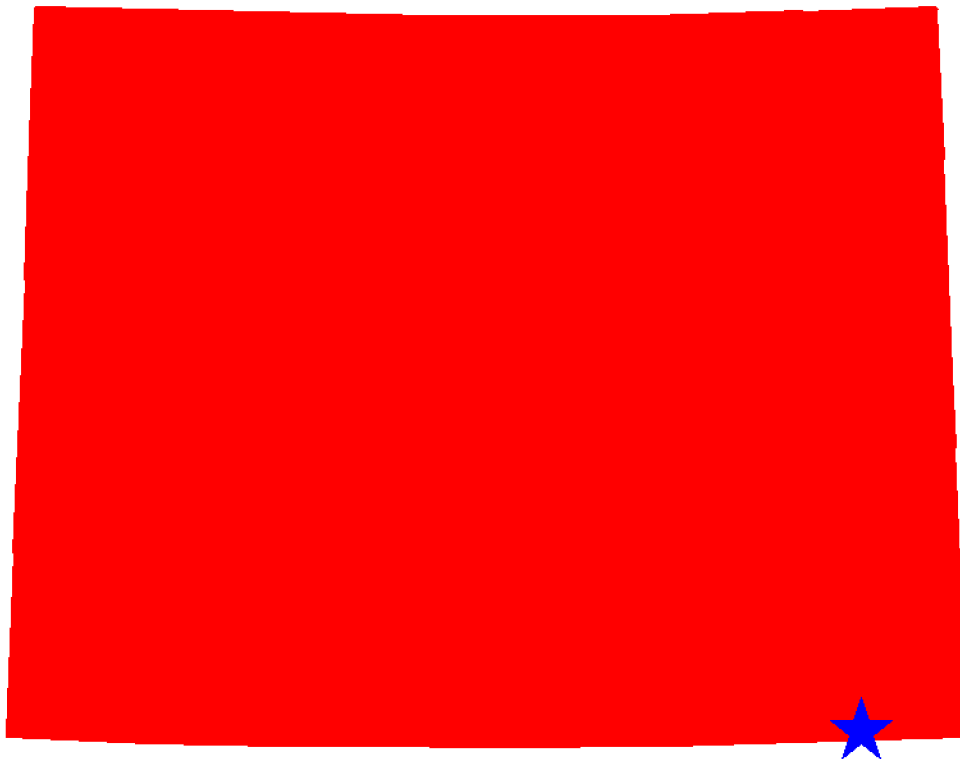




Traffic Safety Facts Wyoming 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Wyoming State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



Table of Contents

Pg3. Fatality Rates: Wyoming , U.S. and Best State
Pg4. Alcohol-Related Fatalities: Wyoming , U.S. and Best State (Old Definition)
Pg5. Alcohol-Impaired Driving Fatalities: Wyoming , U.S. and Best State (New Definition)
Pg6. Fatalities Per 100 Million VMT: Wyoming , U.S.
Pg6. Alcohol-Impaired Driving Fatalities Per 100 Million VMT: Wyoming , U.S.
Pg7. Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes: Wyoming , U.S. and Best State
Pg8. Passenger Vehicle Occupant Fatalities by Restraint Use: Wyoming , U.S. and Best State
Pg9. Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Wyoming , U.S.
Pg9. Passenger Vehicle Occupant by Observed Restraint Use: Wyoming , U.S.
Pg10. Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates
Pg10. Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates
Pg11. Motorcycle Occupant Fatalities by Helmet Use and Lives Saved Estimates
Pg12. Fatalities by Person Type
Pg13. Fatalities by Crash Type
Pg14. Motorcyclist Fatalities by Age
Pg14. Motorcyclist Fatalities Per 100,000 Registered Motorcycles
Pg15. Top 10 Counties for Fatalities and Fatality Rates
Pg16. Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates



Fatality Rates: Wyoming , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Wyoming	165	9,211	1.79	499,368	33.04
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Wyoming	164	9,261	1.77	503,258	32.59
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Wyoming	170	9,058	1.88	506,541	33.56
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Wyoming	195	9,415	2.07	512,757	38.03
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Wyoming	150			522,830	28.69
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

[Back To The Table of Contents](#)



Alcohol-Related Fatalities: Wyoming , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Wyoming	165	63	38	50	31	0.55
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Wyoming	164	59	36	53	32	0.57
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Wyoming	170	66	39	56	33	0.62
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Wyoming	195	75	39	65	33	0.69
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Wyoming	150	57	38	51	34	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

[Back To The Table of Contents](#)



Alcohol-Impaired Driving Fatalities: Wyoming , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Wyoming	165	46	28	0.50
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Wyoming	164	51	31	0.55
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Wyoming	170	54	32	0.59
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Wyoming	195	63	32	0.67
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Wyoming	150	49	33	
	US	41,059	12,998	32	0.43
	Best State*			17	

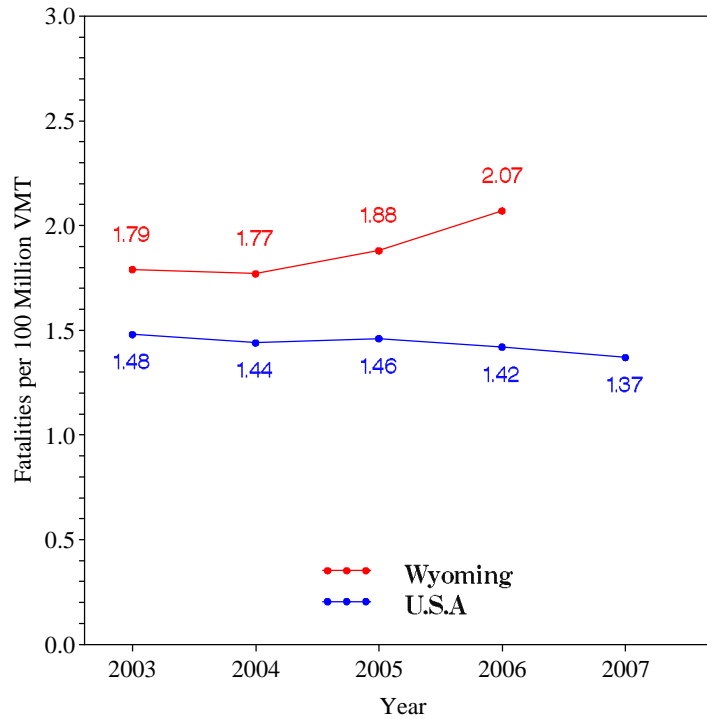
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

[Back To The Table of Contents](#)

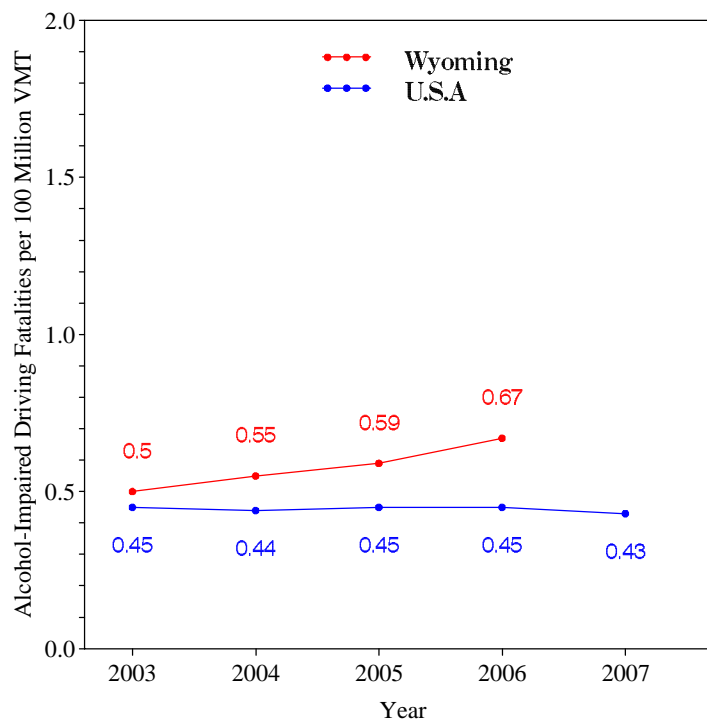


Fatalities per 100 Million VMT: Wyoming and U.S



[Back To The Table of Contents](#)

Alcohol-Impaired Driving Fatalities per 100 Million VMT: Wyoming and U.S



[Back To The Table of Contents](#)



Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Wyoming , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Wyoming	43	17	40	90	66	73	133	83	62
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Wyoming	50	24	48	88	71	81	138	95	69
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Wyoming	33	12	36	105	86	82	138	98	71
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Wyoming	49	23	47	115	90	78	164	113	69
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Wyoming	35	13	37	99	82	83	134	95	71
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities by Restraint Use: Wyoming , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Wyoming	129	50	39	
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Wyoming	130	50	39	70
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Wyoming	130	44	34	
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Wyoming	156	55	36	64
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Wyoming	112	46	41	72
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

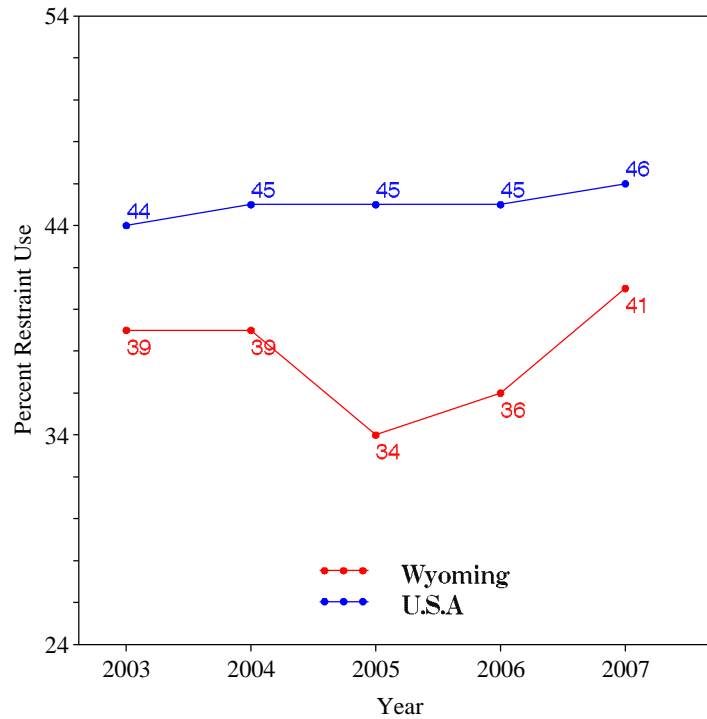
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Wyoming Data: State Survey

[Back To The Table of Contents](#)

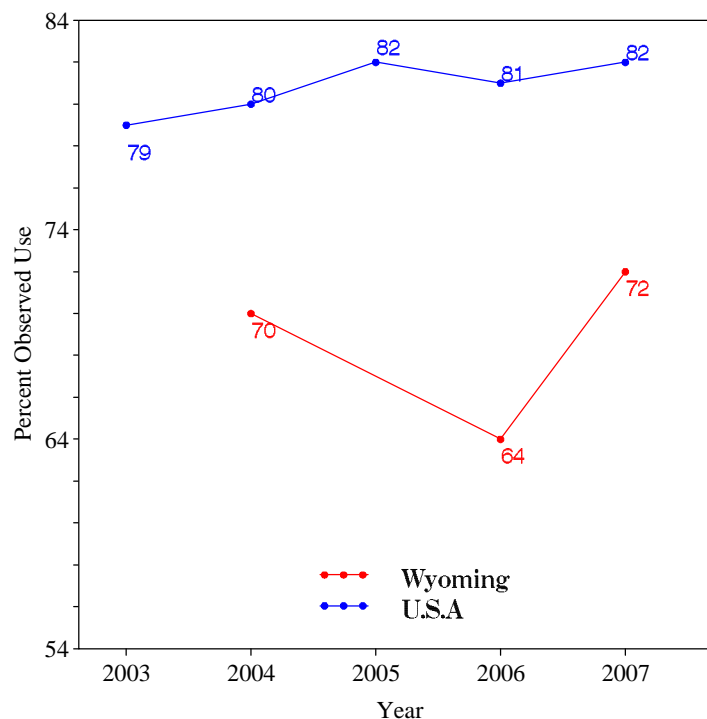


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Wyoming and U.S



[Back To The Table of Contents](#)

Passenger Vehicle Occupants by Percent Restraint Use Observed: Wyoming and U.S



[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	124	48	76	71	35
2004	128	48	80	63	38
2005	129	43	86	64	37
2006	154	54	100	73	55
2007	107	43	64	59	37

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)

Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	5	2	3	1	2
2004	2	2	0	4	0
2005	1	1	0	1	0
2006	2	1	1	2	1
2007	5	3	2	4	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	20	3	17	2	6
2004	13	3	10	2	4
2005	20	5	15	3	6
2006	17	4	13	2	5
2007	20	9	11	5	4

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	43	9	51	11	45	9	56	10	31	7
	Light Truck - Pickup	55	12	49	10	47	10	46	8	40	9
	Light Truck - Utility	18	4	23	5	29	6	43	8	37	9
	Light Truck - Van	13	3	7	1	9	2	11	2	4	1
	Large Truck	8	2	16	3	7	1	12	2	9	2
	Other/Unknown Occupants	0	0	2	0	3	1	4	1	7	2
	Total Occupants	137	29	148	31	140	29	172	30	128	30
Motorcyclists	Motorcycle	20	4	13	3	20	4	17	3	20	5
Non-Occupants	Pedestrian	7	1	3	1	7	1	6	1	2	0
	Bicyclist and Other Cyclist	1	0	0	0	2	0	0	0	0	0
	Other/Unknown Non-Occupants	0	0	0	0	1	0	0	0	0	0
	Total Non-Occupants	8	2	3	1	10	2	6	1	2	0
Total	Total	165	35	164	34	170	35	195	34	150	35

[Back To The Table of Contents](#)



Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	165	164	170	195	150
- Single Vehicle (1)	109	105	113	123	110
- Involving a Large Truck (2)	30	41	31	42	24
- Involving Speeding (3)	84	64	56	65	56
- Involving a Rollover (4)	87	98	101	111	87
- Involving a Roadway Departure (5)	126	110	134	144	120
- Involving an Intersection (or Intersection related) (6)	14	9	9	18	11

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	0	1	1	6	9	3	20
2004	0	1	1	6	5	0	13
2005	0	3	3	4	7	2	19
2006	0	2	1	3	8	3	17
2007	3	1	3	5	5	3	20

[Back To The Table of Contents](#)

Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	20	27,816	71.90
2004	13	30,615	42.46
2005	19	33,500	56.72
2006	17	35,788	47.50
2007	20		

*Data Source: FHWA

[Back To The Table of Contents](#)



Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Fremont County	19	50.70
2	Sweetwater County	18	45.80
3	Campbell County	13	32.15
4	Natrona County	12	16.72
5	Park County	11	40.63
6	Carbon County	10	64.57
7	Uinta County	8	39.61
8	Laramie County	7	8.11
9	Sublette County	7	88.33
10	Johnson County	6	73.69

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Sublette County	7	88.33
2	Johnson County	6	73.69
3	Carbon County	10	64.57
4	Crook County	4	63.65
5	Platte County	5	59.55
6	Weston County	4	58.36
7	Fremont County	19	50.70
8	Sweetwater County	18	45.80
9	Niobrara County	1	44.21
10	Park County	11	40.63

[Back To The Table of Contents](#)



Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Fremont County	9	24.01
2	Park County	6	20.68
3	Sweetwater County	5	13.74
4	Campbell County	5	12.86
5	Natrona County	3	4.46
6	Uinta County	3	14.36
7	Laramie County	2	2.43
8	Sublette County	2	26.50
9	Crook County	2	31.83
10	Johnson County	2	24.56

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Crook County	2	31.83
2	Sublette County	2	26.50
3	Johnson County	2	24.56
4	Fremont County	9	24.01
5	Park County	6	20.68
6	Uinta County	3	14.36
7	Sweetwater County	5	13.74
8	Weston County	1	13.13
9	Campbell County	5	12.86
10	Lincoln County	2	12.37

[Back To The Table of Contents](#)